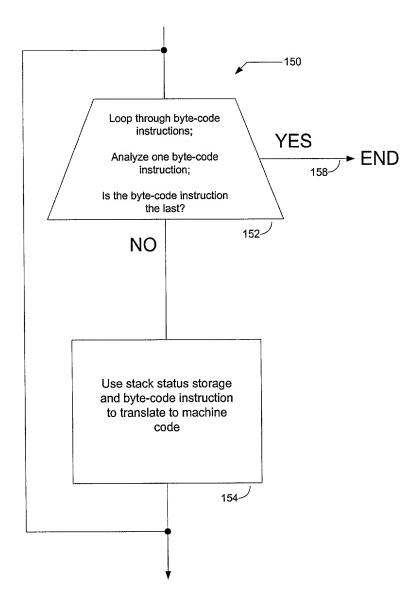


Traditional Byte-Code Compilation

Pass 1

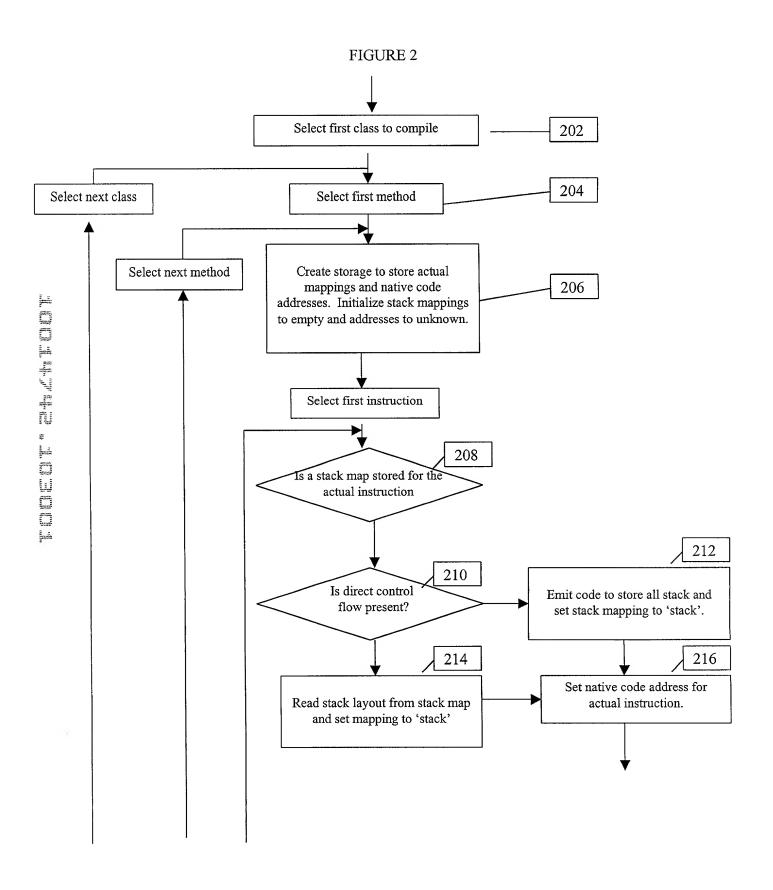
FIGURE 1A

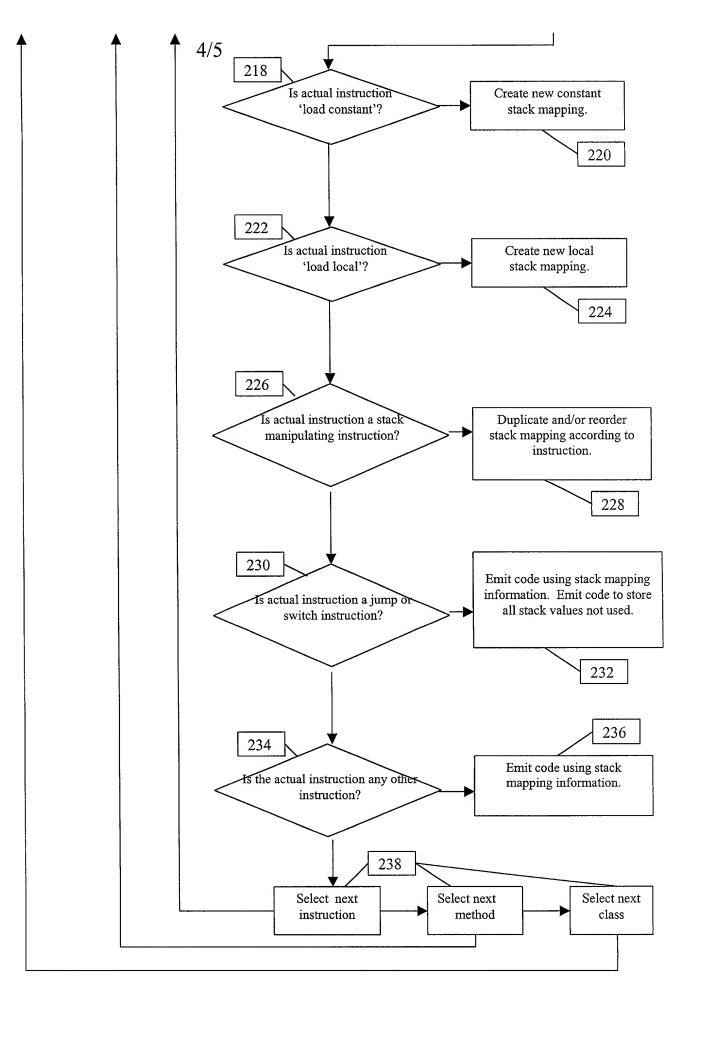


Traditional Byte-Code Compilation

Pass 2

FIGURE 1B





## Arrays of Fixed Size

For each value on the bytecode stack	A field showing actual mapping to storage in target machine	constant
		local
		temporary
		stack
	A field containing additional information	constant value
		slot number
		register number
For each target of a jump or switch instruction	A field to store native code address	

Required Data Structures

FIGURE 3